UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7
11201 Renner Boulevard
Lenexa, Kansas 66219

Ms. Pamela Wood
807 West 2nd Street
Holden, Missouri 64040

Re: Martha Rose Chemical, Holden, Missouri - EPA Site ID: MOD980633069

Dear Ms. Wood:

On April 28, 2021 and May 17, 2021, representatives of the U.S. Environmental Protection Agency collected indoor air and sub-slab samples from your property as listed below. These samples were collected to evaluate vapor concentrations in indoor air at and beneath your building. The contaminants associated with the ongoing site investigation include tetrachloroethene (PCE) and trichloroethene (TCE). The samples were submitted for laboratory analysis of volatile organic compounds (VOCs), including the site-related contaminants noted. Results from these sampling events are summarized in the table below.

Sample Results: 807 W 2nd. Street, Holden, Missouri			**PCE ($\mu g/m^3$)**	**TCE ($\mu g/m^3$)**
Worker Indoor Air Removal Management Level			**180**	**6**
Worker Sub-Slab Removal Management Level			**5,800**	**200**
Sample Type	Sample ID	Collection Date	PCE Result	TCE Result
Indoor Air	8868-13	4/28/2021	18.0	3.0
Indoor Air	8921-1	5/17/2021	7.5	1.4
Sub-Slab	8868-14	4/28/2021	0.80	0.20

Notes: Sample ID = Sample Identification # $\mu g/m^3$ = Micrograms per cubic meter ND = Not detected

Indoor air sample 8868-13 and sub-slab sample 8868-14 collected on April 28, 2021, from the interior of your business had detections of PCE and TCE that are below EPA Worker Removal Management Levels (RML). Due to laboratory errors present with these samples, indoor air sample 8921-1 was collected on May 17, 2021 as a confirmation sample. Sample 8921-1 had detections of PCE and TCE that are also below the EPA RMLs.

Since sub-slab sample results are significantly lower than indoor air values in these samples, it is likely that the VOC detections in indoor air are the result of indoor sources. This property is utilized for the storage, sales and distribution of medical clothing and may utilize materials that contain VOCs. Typical items that contain VOCs include spot removers, tool cleaners and degreasers, spray adhesives, carpet cleaners and other similar products. Typically, it is possible to identify the source of the vapors within the building and remove it to reduce the presence of VOCs in indoor air.

This information is being provided to you in accordance with Section 104(e)(4)(B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended. If you have any questions regarding the above, please contact me by phone at (913) 551-7449, by e-mail at schmaedick.manuel@epa.gov, or call toll-free at (800) 223-0425. Thank you for your cooperation in this matter.

Sincerely,

Schmaedick, Manuel

Digitally signed by Schmaedick, Manuel
Date: 2021.06.30 17:11:05 -05'00'

Manuel Schmaedick
On-Scene Coordinator
Assessment, Emergency Response and Removal Branch
Superfund and Emergency Management Division

Enclosures
1. Sample Results dated 05/06/2021
2. Sample Results dated 06/02/2021

cc: Valerie Wilder, MoDNR

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05/06/2021

Results of Sample Analysis

Sample: 8868-13
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-13. This sample was collected on 04/28/2021 at the location described as: 807IA. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-13 for project: MS078D00 - Rose, Martha Chemical CO.

Analysis/Analyte	Amount Found	Units
Air Volatiles Field Parameters		
Canister ID	733	Identification, Species or Other ID
Regulator ID	087	Identification, Species or Other ID
Starting Pressure	-29	Inch of Mercury
Ending Pressure	0	Inch of Mercury
Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)		
1,1-Dichloroethane	Less Than 8.2	Micrograms per Cubic Meter
1,1-Dichloroethene	Less Than 2.0	Micrograms per Cubic Meter
Tetrachloroethene	18	Micrograms per Cubic Meter
1,1,1-Trichloroethane	Less Than 11	Micrograms per Cubic Meter
Trichloroethene	Approximately 3.0	Micrograms per Cubic Meter
Vinyl Chloride	Less Than 1.3	Micrograms per Cubic Meter

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05/06/2021

Results of Sample Analysis

Sample: 8868-14
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-14. This sample was collected on 04/28/2021 at the location described as: 807SS. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-14 for project: MS078D00 - Rose, Martha Chemical CO.

Analysis/Analyte	Amount Found	Units
Air Volatiles Field Parameters		
Canister ID	709	Identification, Species or Other ID
Regulator ID	088	Identification, Species or Other ID
Starting Pressure	-26	Inch of Mercury
Ending Pressure	0	Inch of Mercury
Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)		
1,1-Dichloroethane	Less Than 0.82	Micrograms per Cubic Meter
1,1-Dichloroethene	Less Than 0.20	Micrograms per Cubic Meter
Tetrachloroethene	0.80	Micrograms per Cubic Meter
1,1,1-Trichloroethane	Less Than 1.1	Micrograms per Cubic Meter
Trichloroethene	Approximately 0.20	Micrograms per Cubic Meter
Vinyl Chloride	Less Than 0.13	Micrograms per Cubic Meter

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06/02/2021

Results of Sample Analysis

Sample: 8921-1
Project ID: MS078D00

These are the results from the analysis of air sample number 8921-1. This sample was collected on 05/17/2021 at the location described as: Med Uniform. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8921-1 for project: MS078D00 - Rose, Martha Chemical CO.

Analysis/Analyte	Amount Found	Units
Air Volatiles Field Parameters		
Canister ID	810	Identification, Species or Other ID
Regulator ID	157	Identification, Species or Other ID
Starting Pressure	-29	Inch of Mercury
Ending Pressure	-9	Inch of Mercury
Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)		
1,1-Dichloroethane	Less Than 0.82	Micrograms per Cubic Meter
1,1-Dichloroethene	Less Than 0.20	Micrograms per Cubic Meter
Tetrachloroethene	7.5	Micrograms per Cubic Meter
1,1,1-Trichloroethane	Less Than 1.1	Micrograms per Cubic Meter
Trichloroethene	1.4	Micrograms per Cubic Meter
Vinyl Chloride	Less Than 0.13	Micrograms per Cubic Meter